**BRUHAT BANGALORE MAHANAGARA PALIKE**

**YALAHANKA PROJECTS DIVISION**

**NAME OF WORK: Construction of Compound gate to Mini Vidhana soudha and Construction of Auditoriums in Government first grade college and Bangla Government Higher Primary school and other developmental works in Kempegowda ward No. 01**

**BAR CHART**

| Sl No | Description of Work | Unit | BOQ Quantity | EXE Quantity | Sep-20 | Oct-20 | Nov-20 | Dec-20 | Jan-21 | Feb-21 |
|---|---|---|---|---|---|---|---|---|---|---|
| 29 | KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. | Cum | 120.45 | 102.60 | | | | | | |
| 2 | Earthwork excavation by manual means for foundations, either in pits or trenches 1.5m and above in width, in soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges from edges of excavation with lead upto 50m, including breaking of clods complete as per specification in ordinary soil. | Cum | 666.20 | 1154.39 | | | | | | |
| 7 | Providing and laying in position plain cement concrete of mix 1:4:8 with OPC @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. | Cum | 117.42 | 45.02 | | | | | | |
| 8 | KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 | Cum | 77.16 | 143.23 | | | | | | |
| 9 | KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 | Cum | 113.45 | 68.23 | | | | | | |
| 10 | KSRB 15.1 Providing flush pointing 20 mm deep to square rubble, course or uncoursed stone masonry with cement mortar after rakingvjoints to depth of 20mm nicely lining, including cost of materials, labour,vcuring complete as per specifications | Sqm | 339.38 | 248.11 | | | | | | |

Asst. Executive Engineer
Project Division
Yelahanka Zone

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| 26 | Providing and laying in position reinforced cement concrete of design mix M20 with OPC v@ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.460 cum, with super plasticisers @ 3 Liters confirming to IS 9103-1999 reafirmed - 2008, machine mixed, cocnrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings | Cum | 26.32 | 19.12 | |
| 13 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass cocnrete including cost of all materials, labour complete as per specifications, Specification No. KBS 4.6.2 | Sqm | 170.80 | 199.72 | |
| 11 | KSRB 4.1.6 : Providing and laying in position reinforced cement concrete of design mix M15 with OPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness ) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets,coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 | Cum | 50.30 | 21.47 | |
| 15 | KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. | Sqm | 140.40 | 223.84 | |
| 17 | Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry incluing rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Cement Mortar 1:4 | Sqm | 243.60 | 521.64 | |
| 16 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 | MT | 6.60 | 3.71 | |
| EIRL-1 | Granite Stone pillar 7ftx1ftx1ft including fixing, crane and transportation charges etc., (Approved Data Rate) | NOS | | 900000.00 | |
| EIRL-2 | Granite Stone kalsa 2ftx1ftx1ft including fixing and transportation charges etc., (Approved Data Rate) | NOS | | 150000.00 | |

PLANNED
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SHRIYA CONSTRUCTION AND CONSULTANCY

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